

DEVICE FOR ANALYZING A FLUID SAMPLE

ABSTRACT OF THE DISCLOSURE

The present invention provides a cartridge for analyzing a fluid
5 sample. The cartridge provides for the efficient separation of
cells or viruses in the sample from the remaining sample fluid,
lysis of the cells or viruses to release the analyte (e.g.,
nucleic acid) therefrom, and optionally chemical reaction and/or
detection of the analyte. The cartridge is useful in a variety of
10 diagnostic, life science research, environmental, or forensic
applications for determining the presence or absence of one or
more analytes in a sample.

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